

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the Divisional Application:

Claims 1-20 (Canceled).

21. (New) A compound loud speaker, comprising:

a first diaphragm having a first coil thereon;

a second diaphragm having a second coil thereon formed on a periphery of said first diaphragm;

a first seat having a first annular wall extending therefrom disposed coaxially with respect to a first magnet having a flat structure, said first wall and said first magnet defining an annular opening therebetween to allow said second coil to be moveably suspended therein; and

a second seat having a second annular wall extending therefrom and encircling a second magnet having a flat structure, said second wall and said second magnet defining an annular gap to allow said first coil to be moveably suspended therein.

22. (New) A compound loud speaker, comprising:

a first diaphragm; and

a second diaphragm formed on a periphery of said first diaphragm.

23. (New) The compound loud speaker of claim 22 wherein:

the first diaphragm generates sound waves in a first frequency range; and
the second diaphragm generates sound waves in a second frequency range and in the first frequency range.

24. (New) The compound loud speaker of claim 22 wherein the first diaphragm comprises a diaphragm having a substantially W-like shape in a cross-section.

25. (New) The compound loud speaker of claim 22 wherein the first diaphragm comprises a dome portion and a annular waveguide.

26. (New) The compound loud speaker of claim 22 further comprising:
a first voice coil formed to the first diaphragm;
a second voice coil formed to the second diaphragm;
a first seat having a wall extending therefrom;
a first magnet disposed on the first seat;
a second seat having a second wall extending therefrom;
a second magnet disposed on the second seat;
wherein the first seat and the first magnet cooperate to define an annular gap within which the second voice coil is moveably disposed; and
wherein the second seat and the second magnet cooperate to define an annular gap within which the first voice coil is movably disposed.

27. (New) A compound loud speaker comprising:

- a first diaphragm;
- a second diaphragm;
- a first voice coil formed to the first diaphragm;
- a second voice coil formed to the second diaphragm;
- a first seat having a wall extending therefrom;
- a first magnet disposed on the first seat;
- a second seat having a second wall extending therefrom;
- a second magnet disposed on the second seat;

wherein the first seat and the first magnet cooperate to define an annular gap within which the second voice coil is moveably disposed; and

wherein the second seat and the second magnet cooperate to define an annular gap within which the first voice coil is movably disposed.

28. (New) A compound loud speaker comprising:

- a first diaphragm; and
- a second diaphragm formed generally continuously in relation to the first diaphragm.

29. (New) The compound loud speaker of claim 28 wherein no baffle is disposed intermediate the first and second diaphragms.

30. (New) The compound loud speaker of claim 28 wherein the first and second diaphragms define a generally continuous vibrating surface having a common acoustic center.

31. (New) The compound loud speaker of claim 28 wherein directivity of the sound from the first and second diaphragms is defined substantially only by the first and second diaphragms.

32. (New) The compound loud speaker of claim 28 wherein no non-vibrating baffle is disposed intermediate the first and second diaphragms.

33. (New) The compound loud speaker of claim 28 wherein the first and second diaphragms define a generally continuous curve.